



- 1 **-- Claim 1. (cancelled)**
- 1 **Claim 2. (cancelled)**
- 1 **Claim 3. (cancelled)**
- 1 **Claim 4. (cancelled)**
- 1 **Claim 5. (cancelled)**
- 1 **Claim 6. (currently amended)** The rail positioning device of ~~Claim 5~~
2 wherein Claim 22 wherein said rail positioning element includes a camming
3 surface to engage the elongated rail.
- 1 **Claim 7. (cancelled)**
- 1 **Claim 8. (cancelled)**
- 1 **Claim 9. (cancelled)**
- 1 **Claim 10. (currently amended)** The rail positioning device of ~~Claim 9~~
2 wherein Claim 22 wherein said rail positioning actuator further includes an
3 actuator element positioning device to move said actuator element between
4 the retracted position and the extended position.
- 1 **Claim 11. (original)** The rail positioning device of Claim 10 wherein said
2 actuator element comprises an elongated shaft having one end portion

3 coupled to said rail positioning member and an actuator piston coupled to the
4 opposite end portion thereof and said actuator element positioning device
5 comprises a pressurized fluid cylinder.

1 **Claim 12. (cancelled)**

1 **Claim 13. (cancelled)**

1 **Claim 14. (cancelled)**

1 **Claim 15. (cancelled)**

1 **Claim 16. (cancelled)**

1 **Claim 17. (cancelled)**

1 **Claim 18. (cancelled)**

1 **Claim 19. (cancelled)**

1 **Claim 20. (cancelled)**

1 **Claim 21. (cancelled)**

1 **Claim 22. (new)** A rail positioning device for use with a retractable
2 bumper assembly that includes an elongated rail movable between a retracted
3 position and an elevated position supported by a plurality of rail support
4 members to prevent bowling balls from entering a bowling lane gutter adjacent

5 said retractable bump assembly when the elongated rail is in said elevated
6 position, said rail positioning device comprises a rail positioning assembly
7 disposed in operational relationship relative to a rail positioning actuator, said
8 rail positioning assembly and said rail positioning actuator each movable
9 between a retracted position and an extended position such that when said rail
10 positioning assembly is moved from said retracted to said extended position
11 by said rail positioning actuator moving from said retracted position to said
12 extended position said rail positioning assembly engages said elongated rail to
13 move said elongated rail from said retracted position to said elevated position
14 to prevent a bowling balls from entering said adjacent gutter, said rail
15 positioning assembly comprises a rail positioning member longitudinally
16 movable between a retracted position and an extended position and a rail
17 positioning element including a substantially flat side surface rotatably
18 movable between a retracted position and an extended position disposed to
19 engage the elongated rail, said rail positioning actuator comprises an actuator
20 element longitudinally movable between a retracted and an extended position
21 to move said rail positioning member from said retractable and said extended
22 position to move said rail positioning element from said retracted position and
23 said extended position as said actuator element moves from said retracted
24 position to said extended position to move the elongated rail from said
25 retracted position to said elevated position, said rail positioning member
26 includes an arcuate camming surface disposed to initially engage said

27 substantially flat side surface of said rail positioning element to selectively
28 rotate said rail positioning member from said retracted position to said
29 extended position and an inclined surface disposed to engage said
30 substantially flat side surface of said rail positioning element when said rail
31 positioning member and said rail positioning element are each in said
32 extended position to maintain said elongated rail in said elevated position.

1 **Claim 23. (new)** A retractable bumper assembly comprising an
2 elongated rail movable between a retracted position and an elevated position
3 supported by a plurality of rail support members to prevent bowling balls from
4 entering a bowling lane gutter adjacent said retractable bump assembly when
5 said elongated rail is in said elevated position and a rail positioning device
6 comprising a rail positioning assembly disposed in operational relationship
7 relative to a rail positioning actuator, said rail positioning assembly and said
8 rail positioning actuator each movable between a retracted position and an
9 extended position such that when said rail positioning assembly is moved from
10 said retracted to said extended position by said rail positioning actuator
11 moving from said retracted position to said extended position said rail
12 positioning assembly engages said elongated rail to move said elongated rail
13 from said retracted position to said elevated position to prevent a bowling balls
14 from entering said adjacent gutter, said rail positioning assembly comprises a
15 rail positioning member longitudinally movable between a retracted position
16 and an extended position and a rail positioning element including a

17 substantially flat side surface rotatably movable between a retracted position
18 and an extended position disposed to engage said elongated rail, said rail
19 positioning actuator comprises an actuator element longitudinally movable
20 between a retracted and an extended position to move said rail positioning
21 member from said retractable and said extended position to move said rail
22 positioning element from said retracted position and said extended position as
23 said actuator element moves from said retracted position to said extended
24 position to move said elongated rail from said retracted position to said
25 elevated position, said rail positioning member includes an arcuate camming
26 surface disposed to engage said substantially flat side surface of said rail
27 positioning element to selectively rotate said rail positioning member from said
28 retracted position to said extended position and an inclined surface disposed
29 to engage said substantially flat side surface of said rail positioning element
30 when said rail positioning member and said rail positioning element are each
31 in said extended position to maintain said elongated rail in said elevated
32 position. --